



SPYWOLF

Security Audit Report



Completed on
August 24, 2023





OVERVIEW

This audit has been prepared for **Shibasonic** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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shibasonic



PROJECT DESCRIPTION

According to their website:

"Shibasonic is a unique play to earn game with crypto integration taking themes from both Shibarium's rise in popularity with it's release along with Sonic being quite popular in terms of how the trend of "Harrypotterobamasonic10inu" became the catch to many hitting well over 100million marketcap."

Release Date: Launching in August, 2023

Category: Gaming



CONTRACT INFO

Token Name Shibasonic	Symbol \$Shibasonic
Contract Address 0x22Fe02987d16b1d48ADFA71ADb38f9c093643150	
Network Ethereum	Language Solidity
Deployment Date Aug 23, 2023	Verified? Yes
Total Supply 10,000,000	Status Launched

TAXES



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	100000000 \$Shibasonic
Median Transfer Amount	100000000 \$Shibasonic
Average Transfer Amount	100000000 \$Shibasonic
First transfer date	2023-08-22
Last transfer date	2023-08-22
Days token transferred	1

SMART CONTRACT STATS

Calls Count	3
External calls	3
Internal calls	0
Transactions count	3
Uniq Callers	3
Days contract called	1
Last transaction time	2023-08-22 20:22:35 UTC
Created	2023-08-22 20:14:23 UTC
Create TX	0x2b77573d6646dc611ec91236f8bef84f67e68a82cdef53e7d5cc97b3586ccbd
Creator	0x3f8c82788d8a1e2a3374d0100897e5419a296b82



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

Owner can set buy/sell fees up to 100%.

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
function updateBuyFees(
    uint256 _marketingFee,
    uint256 _liquidityFee,
    uint256 _devFee
) external onlyOwner {
    buyMarketingFee = _marketingFee;
    buyLiquidityFee = _liquidityFee;
    buyDevFee = _devFee;
    buyTotalFees = buyMarketingFee + buyLiquidityFee + buyDevFee;
}

function updateSellFees(
    uint256 _marketingFee,
    uint256 _liquidityFee,
    uint256 _devFee
) external onlyOwner {
    sellMarketingFee = _marketingFee;
    sellLiquidityFee = _liquidityFee;
    sellDevFee = _devFee;
    sellTotalFees = sellMarketingFee + sellLiquidityFee + sellDevFee;
}
```

- Recommendation:
 - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.



Informational

Owner can exclude address from max transaction and max wallet limit.

```
function excludeFromMaxTransaction(address updAds, bool isEx)
    public
    onlyOwner
{
    _isExcludedMaxTransactionAmount[updAds] = isEx;
}
```

Owner can exclude address from fees.

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    _isExcludedFromFees[account] = excluded;
    emit ExcludeFromFees(account, excluded);
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Shibasonic

GOOD PRACTICES FOUND

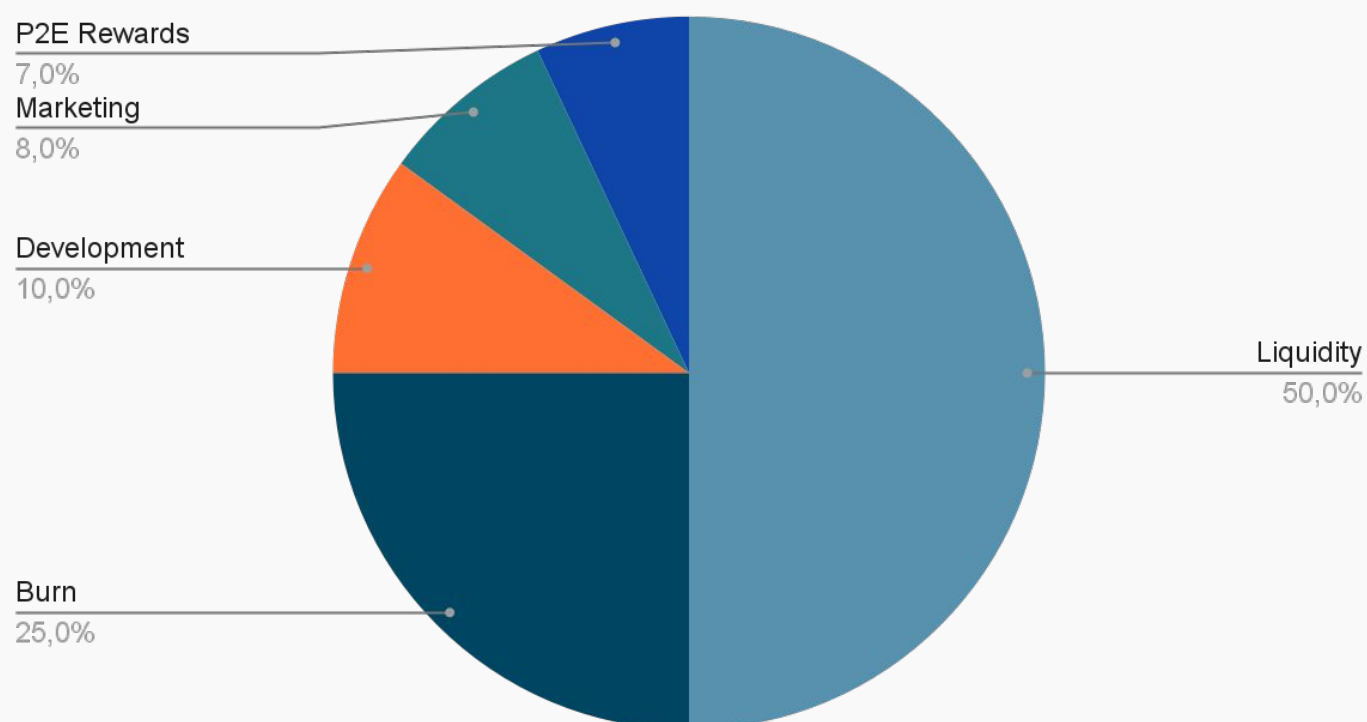
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit. Current max transaction limit is 3% of total supply
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



Current tokens distribution at time of the audit, according to Etherscan:

- Liquidity: 50%
- BURNED: 25%
- Development: 10%
- Marketing (Locked - Vested): 8%
- P2E Rewards: 7%

Tokens distribution



TOKENOMICS



THE TEAM

! The team is anonymous

KYC INFORMATION

No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://shibasonic.com/>

Domain Registry

<https://www.godaddy.com>

Domain Expiration

2024-08-21

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Very nice color scheme and overall layout.

Content

The information helps new investors understand what the product does right away. No grammar errors found. .

Whitepaper

Well written but a bit short

Roadmap

Yes

Mobile-friendly?

Yes



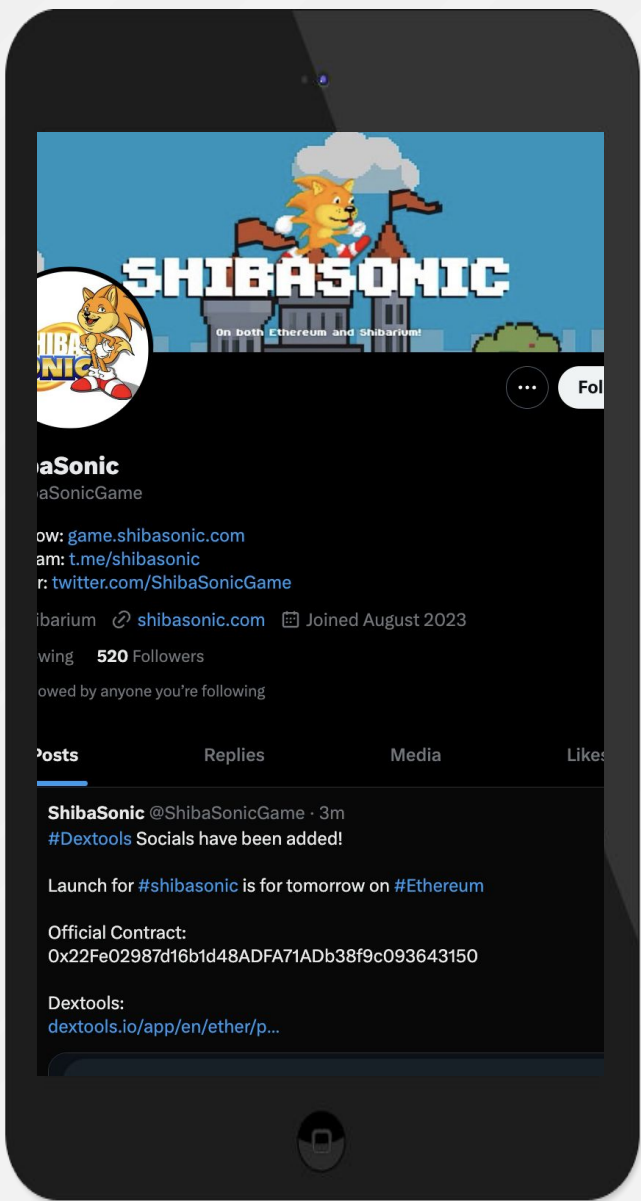
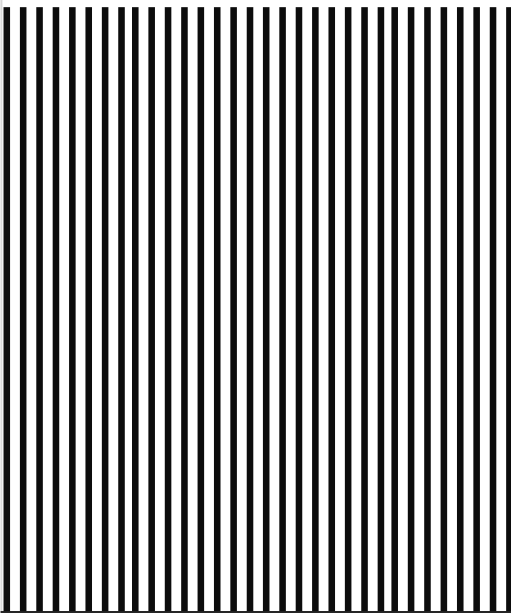
shibasonic.com



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS
Project's social media pages are new but active



Twitter
@ShibaSonicGame

- 520 Followers
- Posts frequently
- Active



Discord

- Not available



Telegram
@shibasonic

- 18 members
- Active members
- Active mods



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.